



# EI-news



## IRTS supporting Amateur Radio

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March 2019

### Radar makes 5MHz Band useless

Germany's DARC reports that they are having problems with short wave Radars. Almost every evening they are encountering interference from Russian coastal radar "Sunflower" broadcasts on 5310—5410 KHz. This makes the recently issued 5 MHz miniband useless. The system transmits Frequency Modulation on Pulse with 43 sweeps per second and will capture aircraft at a range of 450 km. Over water, ships are recognised and even stealth planes may be classified. The system is so successful that the Chinese operate several "Sunflowers" on the east coast. Chinese Over the Horizon Radars work almost daily on the 20 metre band and in the evenings on the 40 metre band. More information available from <http://www.iarums-r1.org/iarums/latest.pdf>

### Qatar Oscar-100 Transponder



It is now possible to monitor the Qatar Oscar-100 transponder from anywhere in the world using the online WebSDR developed by AMSAT UK and BATC. The receiver is located at Goonhilly in the UK. The WebSDR may be found at <https://eshail.batc.org.uk/nb/> This transponder is very active and to date it has been established that contacts through the satellite have been possible with as little as

500 mW of SSB using a 1.2m dish antenna. More details about the Es'hail-2 / Amsat Phase 4-A satellite may be found at <https://amsat-dl.org/eshail-2-amsat-phase-4-a>

### 2019 YOTA Summer Camp

The Youngsters on the Air summer camp will be held in Bulgaria between the 11<sup>th</sup> and 17<sup>th</sup> of August and the event will be hosted by the Bulgarian Federation of Radio Amateurs. The main theme of the event will continue the Train-the-Trainer program. Participants will be working on the future of Amateur Radio and will be involved in workshops where they will gain skills to start similar amateur radio youth events back home. The aim is to inspire more YOTA events across the world.



Irish Radio Transmitters Society

CW Tests

<http://www.irts.ie>

Limerick Rally on March 10th 2019

IRTS AGM in Athlone on April 14th 2019

### Causeway Coast & Glens A.R.C

#### INVITES YOU TO THEIR RADIO RALLY

Bushmills Community Centre

14 Dunluce Road

Bushmills Co Antrim BT57 8QG

**SUNDAY 24TH MARCH**

**DOORS OPEN 11AM**

**£3 ADMISSION**

**DISABLED ACCESS**

**FREE BRING & BUY STALLS**

**LIGHT REFRESHMENTS AVAILABLE**

**FREE PARKING ON SITE**

<http://causewaycoastandglens.wix.com/home>

2

### Renew your IRTS Membership

Use this link to renew your membership for another year

[www.irts.ie/renew](http://www.irts.ie/renew)

Payments are processed through PayPal's secure servers,  
and any credit card may be used

### IRTS AGM 2019

**13/14 April 2019**

**Hodson Bay Hotel, Athlone**

**Lectures, Dinner, Radio & Electronics Fair  
and AGM**

**Hosted by Shannon Basin Radio Club**

Preliminary information on [www.irts.ie/agm](http://www.irts.ie/agm)

Email [info@shannonbasinradioclub.com](mailto:info@shannonbasinradioclub.com)



## Irish Radio Transmitters Society

### 80m Evening Counties Contest

**Tues 19th March 2019 @ 20:00 UTC**

<https://www.irts.ie>

E17GL

## St Patrick Award



The 17<sup>th</sup> of March will, once again, be time to celebrate St Patrick's Day worldwide. As always, we hope to turn the bands "green" with stations on air across all bands and modes. The event will run over 48 hours and follow the celebrations across all time zones, starting on the 16<sup>th</sup> of March at 12:00 UTC and finishing on the 18<sup>th</sup> of March at 12:00 UTC. Last year over 100 stations took part and this year's activity is shaping up to be a great DX event. A website has been set up to register stations wishing to take part. Full details may be found at <https://stpatrickaward.webs.com/>

## Limerick Radio Club

### LRC Annual Rally

**Sunday, 10<sup>th</sup> March 2019**

*Doors open 10 a.m.*

**Radisson Blu Hotel & Spa, Ennis Road,**

**Limerick V94 YA2R**


**Contact Michael EI2IX**

## Local Nets

### Galway Digital Net

**Every Monday 8:30pm**


DMR TG 2724  
Allstar node 29884  
Fusion C4FM YSF node 04251  
Fusion C4FM Wires-x node 41411  
Echolink node 883269



### EI VHF Activity Nights

1st Tues of the month - 2m  
2nd Tues of the month - 70cms  
3rd Tues of the month - 4m & 6m  
4th Tues of the month - Digital

**Approx 7 to 10pm**



### Shannon Basin 2m Net

The Shannon Basin Radio Club is holding a net on 145.350 MHz every Thursday between 20:00 and 20:30. Both members and non members are welcome with the aim of promoting the use of 2 meters









## Handmade Shack Gadgets

Contact EI9GWB Arek  
Phone - 0877775249  
Email - 2805at@gmail.com









## Contests – March 2019

[WA7BNM Contest Calendar](#) : [RSGB HF Contests](#) : [UKEICC Contests](#) : [IRTS Contests](#)

Sat 2	00:00	48 hours	<a href="#">ARRL DX SSB</a>	160-10m, work W/VE only, send Power, log State/Province
Sun 3	07:00	4 hours	<a href="#">UBA Spring CW</a>	80m, work ON only, exchange Serials, log ON Section
Mon 4	20:00	90 minutes	<a href="#">RSGB CC DATA</a>	80m, work UK only, exchange Serials
Wed 6	20:00	1 hour	<a href="#">UKEICC SSB</a>	80m, work everyone, exchange Locators, e.g. IO63
Sat 9	15:00	24 hours	<a href="#">Stew Perry CW</a>	60m, work everyone, exchange Locators, e.g. IO63
Wed 13	20:00	90 minutes	<a href="#">RSGB CC CW</a>	80m, work UK only, exchange Serials
Sat 16	12:00	24 hours	<a href="#">Russian DX CW/SSB</a>	160-10m, work everyone, send Serial, log oblast code
Sun 17	07:00	4 hours	<a href="#">UBA Spring SSB</a>	80m, work ON only, exchange Serials, log ON Section
Tue 19	20:00	1 hour	<a href="#">IRTS Counties CW/SSB</a>	80m, work everyone, send Serial, County
Sat 23	12:00	24 hours	<a href="#">UK/EI DX CW</a>	80-10m, work everyone, serials (+ District Code UK & EI)
Wed 27	20:00	1 hour	<a href="#">UKEICC CW</a>	80m, work everyone, exchange Locators, e.g. IO63
Thu 28	20:00	90 minutes	<a href="#">RSGB CC SSB</a>	80m, work UK only, exchange Serials
Sat 30	00:00	48 hours	<a href="#">CQ WPX SSB</a>	160-10m, work everyone, exchange Serials
Every	Wed	60 mins	<a href="#">CWops Mini Contests</a>	160-10m, three separate CW contests

List compiled by Joe [EI7GY](#) (All times are UTC)